

**In the Specification**

Applicants request entry of a substitute specification under 37 C.F.R. 1.125 and MPEP 608.01(q). The substitute specification is intended to replace pages 1-537 of the originally filed specification.

Applicants present a marked-up substitute specification (attached as Appendix A) indicating insertions by handwritten underlining and deletions by handwritten strikeouts.

Applicants also present a clean copy of the substitute specification (attached as Appendix B).

Applicants do not present replacement claims or a replacement Abstract.

**Sequence Listing**

Applicants present a replacement sequence listing and CRF. The sequence listing has been amended to correct errors and to include additional sequences that were present in the application as filed, but were not included in previously filed sequence listings.